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**From:** Pradeep Rajan [pradeep.rajan@epa.gov] **Ex. 6 Personal Privacy (PP)**  
**Sent:** 9/19/2017 3:18:37 PM  
**To:** Lehmann, Geniece [Lehmann.Geniece@epa.gov]; Trgovcich, Joanne [Joanne.Trgovcich@icf.com]; Pamela Lein [pjlein@ucdavis.edu]; sagiv@berkeley.edu  
**CC:** Carlson, Laura [Carlson.Laura@epa.gov]  
**Subject:** Revised PECO for neurological effects  
**Attachments:** PECO Table Neurological Effects\_9\_19\_17.docx; PECO Table Neurological Effects\_9\_19\_17\_trk\_chng.docx

Hi Geniece,

Please find attached our revised PECO for neurological effects in two versions: one version includes track changes to denote where we made edits to the prior version you reviewed, and the other version has all track changes accepted.

## Ex. 5 Deliberative Process (DP)

Thank you,

Pradeep

Pradeep Rajan, ScD  
President  
Pradeep Rajan LLC  
phone: 919-888-1130  
[pradeep.rajan@pradeeprajanllc.com](mailto:pradeep.rajan@pradeeprajanllc.com)

On 9/1/2017 12:03 PM, Lehmann, Geniece wrote:

Hi All,

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Thanks,  
Geniece

Geniece M. Lehmann, Ph.D.  
Toxicologist  
National Center for Environmental Assessment  
Office of Research & Development  
U.S. Environmental Protection Agency, B243-01  
RTP, NC 27711

Phone: 919-541-2289

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**From:** Trgovcich, Joanne [<mailto:Joanne.Trgovcich@icf.com>]

**Sent:** Friday, September 01, 2017 10:20 AM

**To:** Pamela Lein <[pjlein@ucdavis.edu](mailto:pjlein@ucdavis.edu)>; [pradeep.rajan@pradeeprajanllc.com](mailto:pradeep.rajan@pradeeprajanllc.com); [sagiv@berkeley.edu](mailto:sagiv@berkeley.edu)

**Cc:** Lehmann, Geniece <[Lehmann.Geniece@epa.gov](mailto:Lehmann.Geniece@epa.gov)>

**Subject:** RE: revised PECOs

Hi All,

Thank you all for this update. I've copied Geniece on this message because **Ex. 5 Deliberative Process (DP)**

## Ex. 5 Deliberative Process (DP)

Regards,  
Joanne

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

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**From:** Pamela J Lein [<mailto:pjlein@ucdavis.edu>]

**Sent:** Thursday, August 31, 2017 10:17 PM

**To:** Pradeep Rajan <[pradeep.rajan@](mailto:pradeep.rajan@)**Ex. 6 Personal Privacy (PP)**>; [sagiv@berkeley.edu](mailto:sagiv@berkeley.edu)

**Subject:** RE: revised PECOs

Hi Pradeep:

Thanks for working on this again – just completed Day 4 of our 5-day drive back across the country from Ithaca, NY to Davis, CA. I am a bit wiped out after driving for 8 hours so perhaps my comments reflect that, but as I replied in the document itse

**Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Best,

Pam

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**From:** Pradeep Rajan [mailto:pradeep.rajan@ucdavis.edu] **Ex. 6 Personal Privacy (PP)**  
**Sent:** Thursday, August 31, 2017 2:12 PM  
**To:** Pamela J Lein <pjlein@ucdavis.edu>; sagiv@berkeley.edu  
**Subject:** Re: revised PECOs

Hi Pam and Sharon:

# Ex. 5 Deliberative Process (DP)

If you can let me know your thoughts on this version along with any edits by tomorrow afternoon (4PM EST) I'll make any final edits and submit to Geniece.

Thanks!

Pradeep

Pradeep Rajan, ScD  
President  
Pradeep Rajan LLC  
phone: 919-888-1130  
pradeep.rajan@ucdavis.edu **Ex. 6 Personal Privacy (PP)**  
On 8/29/2017 6:45 AM, Pamela J Lein wrote:

Hi Joanne:

We all spoke on the phone about this last week – I sent my input to Sharon and Pradeep to consider in the context of the combined human/animal PECO statement. Pradeep was planning to modify a few things, and then send the document to you and Geniece.

Attached is the latest version I have with my input.

Pam

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**From:** Trgovcich, Joanne [mailto:Joanne.Trgovcich@icf.com]  
**Sent:** Monday, August 28, 2017 8:11 AM  
**To:** Pamela J Lein <pjlein@ucdavis.edu>; Sharon Sagiv <sagiv@berkeley.edu>; Pradeep

Rajan ([pradeep.rajan@epa.gov](mailto:pradeep.rajan@epa.gov)) **Ex. 6 Personal Privacy (PP)** <[pradeep.rajan@epa.gov](mailto:pradeep.rajan@epa.gov)> **Ex. 6 Personal Privacy (PP)**

Cc: Lehmann, Geniece ([Lehmann.Geniece@epa.gov](mailto:Lehmann.Geniece@epa.gov)) <[Lehmann.Geniece@epa.gov](mailto:Lehmann.Geniece@epa.gov)>;

Macaulay, Laura <[Macaulay.Laura@epa.gov](mailto:Macaulay.Laura@epa.gov)>

**Subject:** revised PECOs

Hi All,

I hope this message finds you well. I am writing to ask when you may be returning the revised PECO statements for the neurological outcomes as we have past the original deadlines outlined in the message from Geniece below. I know that Sharon and Pradeep are close for the human outcomes. Pam could you provide a date when you will finish the animal outcomes?

Thanks,  
Joanne

JOANNE TRGOVCICH | Senior Technical Specialist | +919-293-1661 direct | <mailto:joanne.trgovcich@icf.com>  
icf.com ICF | 2635 Meridian Parkway, Suite 200, Durham, NC 27713 USA

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**From:** Lehmann, Geniece [<mailto:Lehmann.Geniece@epa.gov>]

**Sent:** Monday, August 07, 2017 11:03 AM

**To:** Wright, Michael <[Wright.Michael@epa.gov](mailto:Wright.Michael@epa.gov)>; Muralidharan, Revathi <[Revathi.Muralidharan@icf.com](mailto:Revathi.Muralidharan@icf.com)>; Taylor, MicheleM <[taylor.michelem@epa.gov](mailto:taylor.michelem@epa.gov)>; Mudipalli, Anuradha <[Mudipalli.Anu@epa.gov](mailto:Mudipalli.Anu@epa.gov)>; Carlson, Laura <[Carlson.Laura@epa.gov](mailto:Carlson.Laura@epa.gov)>; Arzuaga, Xabier <[Arzuaga.Xabier@epa.gov](mailto:Arzuaga.Xabier@epa.gov)>; Luke, April <[Luke.April@epa.gov](mailto:Luke.April@epa.gov)>; Rutigliano, Marian <[Rutigliano.Marian@epa.gov](mailto:Rutigliano.Marian@epa.gov)>; Li, Jenny <[Li.Jenny@epa.gov](mailto:Li.Jenny@epa.gov)>; Lobdell, Danelle <[Lobdell.Danelle@epa.gov](mailto:Lobdell.Danelle@epa.gov)>; Trgovcich, Joanne <[Joanne.Trgovcich@icf.com](mailto:Joanne.Trgovcich@icf.com)>; Burch, Dave <[dave.burch@icf.com](mailto:dave.burch@icf.com)>; Pamela Lein <[pjlein@ucdavis.edu](mailto:pjlein@ucdavis.edu)>; larry-robertson@uiowa.edu; sagiv@berkeley.edu; meekerj@umich.edu; Michael Bloom <[mbloom@albany.edu](mailto:mbloom@albany.edu)>; a.sergeev01@**Ex. 6 Personal Privacy (PP)** MToborek@med.miami.edu; Pam Factor-Litvak <[prf1@cumc.columbia.edu](mailto:prf1@cumc.columbia.edu)>; Martina Velichkovska <[mxv567@miami.edu](mailto:mxv567@miami.edu)>; akeating@iastate.edu; Selgrade, MaryJane <[MaryJane.Selgrade@icf.com](mailto:MaryJane.Selgrade@icf.com)>; Yost, Erin <[Yost.Erin@epa.gov](mailto:Yost.Erin@epa.gov)>; Persad, Amanda <[Persad.Amanda@epa.gov](mailto:Persad.Amanda@epa.gov)>; Pardo, Larissa <[Pardo.Larissa@epa.gov](mailto:Pardo.Larissa@epa.gov)>; Todd Jusko@URMC.Rochester.edu; pradeep.rajan@**Ex. 6 Personal Privacy (PP)**

**Subject:** PCB Team Status Update

Please find your name below and either complete the assigned task(s) or let me know when you plan to do so. Updated versions of the "compiled outcome determinations" document (v5) and the draft IAP (v2) are attached.

Review my revisions/responses to your comments on the draft IAP (v2) (attached to this email) (8/11):

- (1) <!--[if !supportLists]--><![endif]-->Alex and Michal
- (2) <!--[if !supportLists]--><![endif]-->Michael
- (3) <!--[if !supportLists]--><![endif]-->Laura
- (4) <!--[if !supportLists]--><![endif]-->Erin and Xabier

Review draft IAP (attached to this email):

- (1) <!--[if !supportLists]--><![endif]-->April - endocrine effect section (8/11)

- (2) <!--[if !supportLists]--><![endif]-->**Larissa and MaryJane** – hematological effect section (8/11)
- (3) <!--[if !supportLists]--><![endif]-->**Larry** - hepatic effect section (8/11)
- (4) <!--[if !supportLists]--><![endif]-->**Marian** - metabolic effect section (8/14)
- (5) <!--[if !supportLists]--><![endif]-->**Pam Factor-Litvak** - reproductive effect section (8/7)

Submit draft PECO statement or revised draft PECO statement:

- (1) <!--[if !supportLists]--><![endif]-->**Pam Lein** - neurological effects in animals (8/7)
- (2) <!--[if !supportLists]--><![endif]-->**Pradeep, Sharon, and Pam Lein** - work together and come to decision about which outcomes to move forward for systematic review; propose a due date for this decision by 8/11

Edit/update “compiled outcome determinations” document (attached to this email):

- (1) <!--[if !supportLists]--><![endif]-->**Todd and MaryJane** – work together and come to decision about the remaining outcomes in question; propose a due date for this decision by 8/11
- (2) <!--[if !supportLists]--><![endif]-->**Pam Factor-Litvak** (8/7)

Submit plan for dermal/ocular effect section:

- (1) <!--[if !supportLists]--><![endif]-->**Marian** (8/14)

Submit updated literature inventory(ies):

- (1) <!--[if !supportLists]--><![endif]-->**Aileen (ASAP\*)**: developmental effects in animals; provide status update, including % completed and projected due date by 8/11
- (2) <!--[if !supportLists]--><![endif]-->**Larissa**: renal effects in humans (8/17) & hematological effects in humans (9/3)

Thanks,  
Geniece

Geniece M. Lehmann, Ph.D.  
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National Center for Environmental Assessment  
Office of Research & Development  
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